

08/663618



PATENT APPLICATION

Docket No: 27866/32960

PATENT APPLICATION TRANSMITTAL

**Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Patrick W. Gray

Title: Chitinase Materials and Methods

1. Type of Application

This new application is for a

- utility patent.
 design patent.

2. Application Papers Enclosed

- 1 Title Page
47 Pages of Specification (excluding Claims, Abstract & Drawings)
3 Page(s) of Claims
1 Page(s) of Abstract
0 Sheet(s) of Drawings (Figs. ___ to ___)
- Formal
Informal

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on June 14, 1996, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EM118658816US.


Li-Hsien Rin-Laures

3. Declaration or Oath

- Enclosed
- Executed by (check all applicable boxes)
- Inventor(s)
- Legal representative of inventor(s)
(37 CFR 1.42 or 1.43)
- Joint inventor or person showing a proprietary interest on behalf of
inventor who refused to sign or cannot be reached
- The petition required by 37 CFR 1.47 and the statement required
by 37 CFR 1.47 are enclosed. See Item 5D below for fee.
- Not enclosed - the undersigned attorney or agent is authorized to file this
application on behalf of the applicant(s). An executed declaration will follow.

4. Additional Papers Enclosed

- Preliminary Amendment
- Information Disclosure Statement
- Declaration of Biological Deposit
- Computer readable copy of sequence listing containing nucleotide and/or amino
acid sequence and statement under 37 C.F.R. §1.821
- Verified statement(s) claiming small entity status under 37 CFR 1.9 and 1.27
- Associate Power of Attorney
- Verified translation of a non-English patent application
- An assignment of the invention
- Certified copy(ies) of application(s):

COUNTRY	APPLICATION NO.	FILED

from which priority under 35 USC 119 is claimed is(are) attached.

will follow.

Other

5. Filing Fee Calculation (37 CFR 1.16)

A. Utility Application

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	Fee	RATE	Fee
BASIC FEE				\$375.00		\$750.00
TOTAL	31 - 20	= 11	X 11 =	\$	X 22 =	\$242.00
INDEP.	14 - 3	= 11	X 39 =	\$	X 78 =	\$858.00
<input checked="" type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 125 =	\$	+ 250 =	\$250.00
Filing Fee:				\$	OR	\$2100.00

B. Design Application (\$155.00/\$310.00) Filing Fee: \$ _____

C. Plant Application (\$255.00/\$510.00) Filing Fee: \$ _____

D. Other Fees

- Recording Assignment [Fee -- \$40.00 per assignment] \$ _____
- Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached [Fee -- \$130.00] \$ _____
- Other \$ _____

Total Fees Enclosed \$2100.00

6. Method of Payment of Fees

- Enclosed check in the amount of: \$2100.00
- Charge Deposit Account No. 13-2855 in the amount of: \$ _____
A copy of this Transmittal is enclosed.
- Not enclosed

7. Deposit Account and Refund Authorization

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, O'Toole, Gerstein, Murray & Borun at the address below.

Please direct all future communications to Li-Hsien Rin-Laures, at the address below.

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,
MURRAY & BORUN
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(312) 474-6300

By:

Li-Hsien Rin-Laures
Li-Hsien Rin-Laures
Reg. No: 33,547

June 14, 1996

18/663618



PATENT APPLICATION
ATTORNEY DOCKET NO. 27866/32960

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:) "EXPRESS MAIL" mailing label No.
Patrick W. Gray) EM11865881US
Serial No:) Date of Deposit: June 14, 1996
Filed: HEREWITH)
For: CHITINASE MATERIALS) I hereby certify that this paper (or
AND METHODS) fee) is being deposited with the
United States Postal Service
"EXPRESS MAIL POST OFFICE
TO ADDRESSEE" service under 37
C.F.R. §1.10 on the date indicated
above and is addressed to the
Assistant Commissioner for Patents
Washington, DC 20231
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) Li-Hsien Rin-Laures
(Reg. No. 33,547)
Attorney for Applicant

STATEMENT UNDER 37 C.F.R. §1.821(f)

Assistant Commissioner for Patents
Washington, DC 20231

Sirs:

I hereby state that the content of the paper and computer readable
copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c)
and (e), respectively, are the same.

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,
MURRAY & BORUN

BY:

Li-Hsien Rin-Laures
Li-Hsien Rin-Laures
Registration No. 33,547

Chicago, Illinois
June 14, 1996

RECEIVED - 6/14/96
U.S. PATENT AND TRADEMARK OFFICE